

Table 5.3-2. Summary Statistics for Indicator Contaminants, %Fines, and TOC in Sediment Traps, First Quarter (Winter 2007)

Analyte	Units	# Analyzed	# Detected	% Detected	Detected Concentrations						
					Minimum <sup>a</sup>	Maximum <sup>a</sup>	Maximum Location	Mean	Median <sup>b</sup>	Standard Deviation	95 <sup>th</sup> Percentile <sup>b</sup>
<b>Grain Size</b>											
Fines	percent	13	13	100	21.7 T	95.4 T	ST013	73.1	83.8 T	25.9	95.2
<b>Conventional</b>											
Total organic carbon	percent	13	13	100	1.11	3.02 T	ST005	2.35	2.52	0.562	2.99
<b>Metals</b>											
Arsenic	mg/kg	13	13	100	2.82	4.38	ST001	3.81	3.87	0.473	4.31
Chromium	mg/kg	13	13	100	31.2	47.1	ST013	38.3	38.1 T	3.92	43.6
Copper	mg/kg	13	13	100	26.4	52.5	ST013	43.1	46.0	7.36	50.1
Zinc	mg/kg	13	13	100	78.0	114	ST013	102	105	10.8	112
<b>Butyltins</b>											
Tributyltin ion	µg/kg	13	9	69	1.80 J	4.60	ST004	3.13	3.20	0.954	4.44
<b>Total PCBs<sup>c</sup></b>											
Total PCBs	µg/kg	13	13	100	5.46 JT	28.7 JT	ST007	14.0	11.5 T	7.59	26.0 J
<b>PCDD/Fs Homologs</b>											
Total PCDD/F	pg/g	13	13	100	72.2 JT	563 T	ST001	242	209 T	160	546
<b>PCDD/Fs</b>											
TCDD TEQ (ND=0)	pg/g	13	13	100	0.149 JT	1.65 JT	ST001	0.583	0.461 JT	0.435	1.33 J
<b>Pesticides</b>											
Aldrin	µg/kg	13	4	31	0.630 J	1.10 NJT	ST005	0.865	0.865 J	0.194	1.07 J
Dieldrin	µg/kg	13	0	0	--	--	--	--	--	--	--
Total Chlordanes	µg/kg	13	12	92	0.240 JT	3.70 NJT	ST008	1.15	0.950 J	0.975	2.77 J
Total DDX	µg/kg	13	12	92	0.980 JT	7.80 JT	ST012	4.50	4.35 J	2.31	7.58 J
<b>Polycyclic Aromatic Hydrocarbons</b>											
Total PAHs	µg/kg	13	13	100	100 JT	4000 T	ST005	735	250 JT	1060	2380 J
<b>Phthalates</b>											
Bis(2-ethylhexyl) phthalate	µg/kg	13	13	100	35.0	230	ST013	126	110	56.4	224

**Notes:**

<sup>a</sup> Whenever several result values match maximum or minimum value, qualifier preference has been given in the following order: U over J over A over N over T over no qualification.

<sup>b</sup> Median is the exact result value ranking as the 0.50 percentile in an ascending list of all results, and 95th percentile is the exact result value of the 0.95 ranking result. When the ascending list of all results doesn't produce an exact match to the corr the median, and an interpolated value is the 95th percentile. The median is qualified with "U" if both results ranking immediately above and below the corresponding percentile are "U" qualified, and with "J" if at least one of the results is "J" qualific

<sup>c</sup> Total PCBs are total PCB congeners whenever available and total Aroclors if not.

-- data not available.

Reason codes for qualifiers:

A - Total value based on limited number of analytes.

J - The associated numerical value is an estimated quantity.

N - Presumptive evidence of presence of material; identification of the compound is not definitive.

T - The associated numerical value was mathematically derived (e.g., from summing multiple analyte results such as Aroclors, or calculating the average of multiple results for a single analyte). Also indicates all results that are selected for report for the Round 2 data.

U - The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation limit.

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Detected and Nondetected Concentrations						
Minimum <sup>a</sup> (full DL)	Maximum <sup>a</sup> (full DL)	Maximum Location	Mean (full DL)	Median <sup>b</sup> (full DL)	Standard Deviation (full DL)	95 <sup>th</sup> Percentile <sup>b</sup> (full DL)
21.7 T	95.4 T	ST013	73.1	83.8 T	25.9	95.2
1.11	3.02 T	ST005	2.35	2.52	0.562	2.99
2.82	4.38	ST001	3.81	3.87	0.473	4.31
31.2	47.1	ST013	38.3	38.1 T	3.92	43.6
26.4	52.5	ST013	43.1	46.0	7.36	50.1
78.0	114	ST013	102	105	10.8	112
0.120 U	4.60	ST004	2.30	2.60 J	1.52	4.36
5.46 JT	28.7 JT	ST007	14.0	11.5 T	7.59	26.0 J
72.2 JT	563 T	ST001	242	209 T	160	546
0.149 JT	1.65 JT	ST001	0.583	0.461 JT	0.435	1.33 J
0.400 U	1.60 U	ST008	0.795	0.830 J	0.355	1.30 J
0.520 U	3.00 U	ST008	0.940	0.800 U	0.627	1.74 U
0.240 JT	3.70 NJT	ST008	1.14	1.00 NJT	0.934	2.68 J
0.980 JT	7.80 JT	ST012	4.34	4.30 JT	2.28	7.56 J
100 JT	4000 T	ST005	735	250 JT	1060	2380 J
35.0	230	ST013	126	110	56.4	224

sponding percentile rank, average of two adjacent results ranking closest to 0.50 percentile is used.

ing in preference to other available results (e.g., for parameters reported by multiple methods)

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Table 5.3-3. Summary Statistics for Indicator Contaminants, %Fines, and TOC in Sediment Traps, Second Quarter (Spring 2007)

Analyte	Units	# Analyzed	# Detected	% Detected	Detected Concentrations						
					Minimum <sup>a</sup>	Maximum <sup>a</sup>	Maximum Location	Mean	Median <sup>b</sup>	Standard Deviation	95 <sup>th</sup> Percentile <sup>b</sup>
<b>Grain Size</b>											
Fines	percent	12	12	100	71.3 T	98.3 T	ST002	87.3	89.1	8.65	97.0
<b>Conventionals</b>											
Total organic carbon	percent	12	12	100	2.46	3.14	ST008	2.83	2.77	0.229	3.12
<b>Metals</b>											
Arsenic	mg/kg	12	12	100	4.45 T	5.60	ST002; ST012	4.89	4.80	0.438	5.60
Chromium	mg/kg	12	12	100	28.7 J	38.9 J	ST012	32.2	31.4 J	2.99	37.4 J
Copper	mg/kg	12	12	100	39.7	56.0	ST004	46.0	44.2	5.78	55.8
Zinc	mg/kg	12	12	100	93.5	143	ST015	123	126	13.8	139
<b>Butyltins</b>											
Tributyltin ion	µg/kg	12	10	83	0.480 J	4.90	ST004	1.78	1.50 J	1.37	4.23
<b>Total PCBs<sup>c</sup></b>											
Total PCBs	µg/kg	12	12	100	4.07 JT	840 T	ST007	80.6	10.2	239	395
<b>PCDD/Fs Homologs</b>											
Total PCDD/F	pg/g	12	12	100	5.16 JT	304 JT	ST004	167	202 J	104	286 J
<b>PCDD/Fs</b>											
TCDD TEQ (ND=0)	pg/g	12	12	100	0.0529 JT	1.42 JT	ST005	0.372	0.295 J	0.379	0.961 J
<b>Pesticides</b>											
Aldrin	µg/kg	12	0	0	--	--	--	--	--	--	--
Dieldrin	µg/kg	12	0	0	--	--	--	--	--	--	--
Total Chlordanes	µg/kg	12	7	58	0.220 NJT	0.840 JT	ST007	0.501	0.450 JT	0.244	0.837 J
Total DDX	µg/kg	12	12	100	2.80 JT	9.00 NJT	ST015	6.04	6.05 J	1.79	8.95 J
<b>Polycyclic Aromatic Hydrocarbons</b>											
Total PAHs	µg/kg	12	12	100	77.0 JT	4100 T	ST005	581	225 J	1120	2260
<b>Phthalates</b>											
Bis(2-ethylhexyl) phthalate	µg/kg	12	12	100	85.0	290	ST007	148	140	50.2	219

**Notes:**

<sup>a</sup> Whenever several result values match maximum or minimum value, qualifier preference has been given in the following order: U over J over A over N over T over no qualification.

<sup>b</sup> Median is the exact result value ranking as the 0.50 percentile in an ascending list of all results, and 95th percentile is the exact result value of the 0.95 ranking result. When the ascending list of all results doesn't produce an exact match to the median, and an interpolated value is the 95th percentile. The median is qualified with "U" if both results ranking immediately above and below the corresponding percentile are "U" qualified, and with "J" if at least one of the results is "J" qualified

<sup>c</sup> Total PCBs are total PCB congeners whenever available and total Aroclors if not.

-- data not available.

Reason codes for qualifiers:

A - Total value based on limited number of analytes.

J - The associated numerical value is an estimated quantity.

N - Presumptive evidence of presence of material; identification of the compound is not definitive.

T - The associated numerical value was mathematically derived (e.g., from summing multiple analyte results such as Aroclors, or calculating the average of multiple results for a single analyte). Also indicates all results that are selected for reporting for the Round 2 data.

U - The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation limit.

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Detected and Nondetected Concentrations						
Minimum <sup>a</sup> (full DL)	Maximum <sup>a</sup> (full DL)	Maximum Location	Mean (full DL)	Median <sup>b</sup> (full DL)	Standard Deviation (full DL)	95 <sup>th</sup> Percentile <sup>b</sup> (full DL)
71.3 T	98.3 T	ST002	87.3	89.1	8.65	97.0
2.46	3.14	ST008	2.83	2.77	0.229	3.12
4.45 T 28.7 J 39.7 93.5	5.60 38.9 J 56.0 143	ST002; ST012 ST012 ST004 ST015	4.89 32.2 46.0 123	4.80 31.4 J 44.2 126	0.438 2.99 5.78 13.8	5.60 37.4 J 55.8 139
0.420 U	4.90	ST004	1.57	1.45 J	1.33	4.08
4.07 JT	840 T	ST007	80.6	10.2	239	395
5.16 JT	304 JT	ST004	167	202 J	104	286 J
0.0529 JT	1.42 JT	ST005	0.372	0.295 J	0.379	0.961 J
0.380 U 0.720 U 0.220 NJT 2.80 JT	0.780 U 0.950 U 1.30 UT 9.00 NJT	ST007 ST011 ST011 ST015	0.470 0.838 0.753 6.04	0.445 U 0.840 U 0.835 J 6.05 J	0.103 0.0734 0.371 1.79	0.621 U 0.934 U 1.25 U 8.95 J
77.0 JT	4100 T	ST005	581	225 J	1120	2260
85.0	290	ST007	148	140	50.2	219

ponding percentile rank, average of two adjacent results ranking closest to 0.50 percentile is  
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ng in preference to other available results (e.g., for parameters reported by multiple methods)

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Table 5.3-4. Summary Statistics for Indicator Contaminants, %Fines, and TOC in Sediment Traps, Third Quarter (Summer 2007)

Analyte	Units	# Analyzed	# Detected	% Detected	Detected Concentrations							
					Minimum <sup>a</sup>	Maximum <sup>a</sup>	Maximum Location	Mean	Median <sup>b</sup>	Standard Deviation	95 <sup>th</sup> Percentile <sup>b</sup>	
<b>Grain Size</b>												
Fines	percent	6	6	100	74.8 T	99.1 T	ST004	90.1	91.8 J	8.64	98.4	
<b>Conventionals</b>												
Total organic carbon	percent	10	10	100	1.98	3.24	ST006	2.70	2.68	0.317	3.13	
<b>Metals</b>												
Arsenic	mg/kg	9	9	100	3.04	5.65 T	ST006	4.10	3.60	1.09	5.59	
Chromium	mg/kg	9	9	100	21.7	59.5	ST009	35.5	32.4	10.8	52.7	
Copper	mg/kg	9	9	100	32.2	93.6 T	ST006	49.3	37.8	21.3	86.2	
Zinc	mg/kg	9	9	100	108	319 T	ST006	153	117	69.0	265	
<b>Butyltins</b>												
Tributyltin ion	µg/kg	8	7	88	2.30 JT	64.0	ST006	14.7	7.10	22.0	48.7	
<b>Total PCBs<sup>c</sup></b>												
Total PCBs	µg/kg	11	11	100	3.14 JT	4830 JT	ST007	470	29.9 JT	1450	2460 J	
<b>PCDD/Fs Homologs</b>												
Total PCDD/F	pg/g	7	7	100	120 JT	1820 JT	ST007	564	191 JT	684	1650 J	
<b>PCDD/Fs</b>												
TCDD TEQ (ND=0)	pg/g	7	7	100	0.157 JT	4.73 JT	ST007	1.39	0.631 JT	1.76	4.19 J	
<b>Pesticides</b>												
Aldrin	µg/kg	9	0	0	--	--	--	--	--	--	--	
Dieldrin	µg/kg	9	3	33	1.40 J	4.90	ST006	3.20	3.30 J	1.75	4.74 J	
Total Chlordanes	µg/kg	9	5	56	1.00 NJT	3.10 NJT	ST006	1.64	1.30 NJT	0.859	2.82 J	
Total DDX	µg/kg	9	9	100	2.40 JT	25.0 NJT	ST006	12.9	8.00 NJT	9.21	24.6 J	
<b>Polycyclic Aromatic Hydrocarbons</b>												
Total PAHs	µg/kg	9	9	100	200 JT	2300 T	ST006	882	640 T	695	2020 J	
<b>Phthalates</b>												
Bis(2-ethylhexyl) phthalate	µg/kg	9	9	100	81.0	1600	ST006	365	210	476	1140	

**Notes:**

<sup>a</sup> Whenever several result values match maximum or minimum value, qualifier preference has been given in the following order: U over J over A over N over T over no qualification.

<sup>b</sup> Median is the exact result value ranking as the 0.50 percentile in an ascending list of all results, and 95th percentile is the exact result value of the 0.95 ranking result. When the ascending list of all results doesn't produce an exact match to the corr the median, and an interpolated value is the 95th percentile. The median is qualified with "U" if both results ranking immediately above and below the corresponding percentile are "U" qualified, and with "J" if at least one of the results is "J" qualific

<sup>c</sup> Total PCBs are total PCB congeners whenever available and total Aroclors if not.

-- data not available.

Reason codes for qualifiers:

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J - The associated numerical value is an estimated quantity.

N - Presumptive evidence of presence of material; identification of the compound is not definitive.

T - The associated numerical value was mathematically derived (e.g., from summing multiple analyte results such as Aroclors, or calculating the average of multiple results for a single analyte). Also indicates all results that are selected for report for the Round 2 data.

U - The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation limit.

Detected and Nondetected Concentrations						
Minimum <sup>a</sup> (full DL)	Maximum <sup>a</sup> (full DL)	Maximum Location	Mean (full DL)	Median <sup>b</sup> (full DL)	Standard Deviation (full DL)	95 <sup>th</sup> Percentile <sup>b</sup> (full DL)
74.8 T	99.1 T	ST004	90.1	91.8 J	8.64	98.4
1.98	3.24	ST006	2.70	2.68	0.317	3.13
3.04	5.65 T	ST006	4.10	3.60	1.09	5.59
21.7	59.5	ST009	35.5	32.4	10.8	52.7
32.2	93.6 T	ST006	49.3	37.8	21.3	86.2
108	319 T	ST006	153	117	69.0	265
0.240 U	64.0	ST006	12.9	6.00	21.0	46.2
3.14 JT	4830 JT	ST007	470	29.9 JT	1450	2460 J
120 JT	1820 JT	ST007	564	191 JT	684	1650 J
0.157 JT	4.73 JT	ST007	1.39	0.631 JT	1.76	4.19 J
0.250 U	0.920 U	ST007	0.491	0.410 U	0.223	0.844 U
0.750 UT	13.0 U	ST007	3.01	1.10 U	4.01	9.76
0.710 UT	98.0 UT	ST007	12.1	1.10 JT	32.2	60.0 J
2.40 JT	25.0 NJT	ST006	12.9	8.00 NJT	9.21	24.6 J
200 JT	2300 T	ST006	882	640 T	695	2020 J
81.0	1600	ST006	365	210	476	1140

sponding percentile rank, average of two adjacent results ranking closest to 0.50 percentile is  
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ing in preference to other available results (e.g., for parameters reported by multiple methods)

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Table 5.3-5. Summary Statistics for Indicator Contaminants, %Fines, and TOC in Sediment Traps, Fourth Quarter (Fall 2007)

Analyte	Units	# Analyzed	# Detected	% Detected	Detected Concentrations						
					Minimum <sup>a</sup>	Maximum <sup>a</sup>	Maximum Location	Mean	Median <sup>b</sup>	Standard Deviation	95 <sup>th</sup> Percentile <sup>b</sup>
<b>Grain Size</b>											
Fines	percent	13	13	100	42.6 T	106 T	ST011	84.2	86.0 T	15.5	100
<b>Conventional</b>											
Total organic carbon	percent	16	16	100	2.00	3.47	ST009	2.54	2.57	0.408	3.25
<b>Metals</b>											
Arsenic	mg/kg	16	16	100	1.48 J	7.01	ST011	5.02	5.16	1.40	6.77
Chromium	mg/kg	16	16	100	10.8	39.3	ST004	31.8	33.9	7.77	38.9
Copper	mg/kg	16	16	100	15.2	63.0	ST004	47.8	50.1	12.3	61.1
Zinc	mg/kg	16	16	100	71.6	254	ST006	152	156	39.2	197
<b>Butyltins</b>											
Tributyltin ion	µg/kg	15	12	80	0.600 JT	81.0	ST006	11.8	4.65	22.0	43.6
<b>Total PCBs<sup>c</sup></b>											
Total PCBs	µg/kg	16	16	100	7.56 JT	11100 JT	ST007	727	24.3 J	2770	2860 J
<b>PCDD/Fs Homologs</b>											
Total PCDD/F	pg/g	16	16	100	37.4 JT	6100 JT	ST006	606	122 J	1490	2320 J
<b>PCDD/Fs</b>											
TCDD TEQ (ND=0)	pg/g	16	16	100	0.0678 JT	16.3 JT	ST006	1.47	0.211 J	3.99	5.44 J
<b>Pesticides</b>											
Aldrin	µg/kg	16	1	6	0.610 NJ	0.610 NJ	ST014	0.610	0.610 NJ	--	0.610 NJ
Dieldrin	µg/kg	16	2	12	0.150 NJ	0.340 NJ	ST009	0.245	0.245 J	0.134	0.331 J
Total Chlordanes	µg/kg	16	11	69	0.410 NJT	3.40 NJT	ST011	1.15	0.830 JT	0.850	2.60 J
Total DDX	µg/kg	16	16	100	2.60 T	150 T	ST007	20.0	8.20 J	35.8	62.3 J
<b>Polycyclic Aromatic Hydrocarbons</b>											
Total PAHs	µg/kg	15	15	100	190 JT	11000 T	ST005	1400	580 T	2730	5190 J
<b>Phthalates</b>											
Bis(2-ethylhexyl) phthalate	µg/kg	15	15	100	68.0	710	ST006	221	150	174	549 J

**Notes:**

<sup>a</sup> Whenever several result values match maximum or minimum value, qualifier preference has been given in the following order: U over J over A over N over T over no qualification.

<sup>b</sup> Median is the exact result value ranking as the 0.50 percentile in an ascending list of all results, and 95th percentile is the exact result value of the 0.95 ranking result. When the ascending list of all results doesn't produce an exact match to the corr the median, and an interpolated value is the 95th percentile. The median is qualified with "U" if both results ranking immediately above and below the corresponding percentile are "U" qualified, and with "J" if at least one of the results is "J" qualific

<sup>c</sup> Total PCBs are total PCB congeners whenever available and total Aroclors if not.

-- data not available.

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N - Presumptive evidence of presence of material; identification of the compound is not definitive.

T - The associated numerical value was mathematically derived (e.g., from summing multiple analyte results such as Aroclors, or calculating the average of multiple results for a single analyte). Also indicates all results that are selected for report for the Round 2 data.

U - The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation limit.

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Detected and Nondetected Concentrations						
Minimum <sup>a</sup> (full DL)	Maximum <sup>a</sup> (full DL)	Maximum Location	Mean (full DL)	Median <sup>b</sup> (full DL)	Standard Deviation (full DL)	95 <sup>th</sup> Percentile <sup>b</sup> (full DL)
42.6 T	106 T	ST011	84.2	86.0 T	15.5	100
2.00	3.47	ST009	2.54	2.57	0.408	3.25
1.48 J	7.01	ST011	5.02	5.16	1.40	6.77
10.8	39.3	ST004	31.8	33.9	7.77	38.9
15.2	63.0	ST004	47.8	50.1	12.3	61.1
71.6	254	ST006	152	156	39.2	197
0.240 U	81.0	ST006	9.52	4.30	20.1	33.4
7.56 JT	11100 JT	ST007	727	24.3 J	2770	2860 J
37.4 JT	6100 JT	ST006	606	122 J	1490	2320 J
0.0678 JT	16.3 JT	ST006	1.47	0.211 J	3.99	5.44 J
0.160 U	1.20 U	ST006	0.328	0.215 U	0.276	0.803 U
0.0450 UT	0.640 U	ST005	0.359	0.350 U	0.192	0.603 U
0.410 NJT	460 UT	ST007	29.8	0.870 J	115	118 J
2.60 T	150 T	ST007	20.0	8.20 J	35.8	62.3 J
190 JT	11000 T	ST005	1400	580 T	2730	5190 J
68.0	710	ST006	221	150	174	549 J

responding percentile rank, average of two adjacent results ranking closest to 0.50 percentile is used.

ing in preference to other available results (e.g., for parameters reported by multiple methods)

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Table 5.3-6. Summary Statistics for Indicator Contaminants, %Fines, and TOC in Sediment Traps, Third Quarter (Summer 2009)

Analyte	Units	Detected Concentrations									
		# Analyzed	# Detected	% Detected	Minimum <sup>a</sup>	Maximum <sup>a</sup>	Maximum Location	Mean	Median <sup>b</sup>	Standard Deviation	95 <sup>th</sup> Percentile <sup>b</sup>
<b>Grain Size</b>											
Fines	percent	1	1	100	81.4 T	81.4 T	ST001	81.4	81.4 T	--	81.4 T
<b>Conventionals</b>											
Total organic carbon	percent	6	6	100	2.17	3.62	ST006	2.83	2.80	0.537	3.52
<b>Metals</b>											
Arsenic	mg/kg	6	6	100	2.75	4.05	ST002	3.40	3.37	0.466	3.97
Chromium	mg/kg	6	6	100	21.5	30.8	ST003	26.3	26.9	3.22	30.1
Copper	mg/kg	6	6	100	34.9	42.7 T	ST006	38.2	37.8 J	3.07	42.3 J
Zinc	mg/kg	6	6	100	101	135 T	ST006	111	107	12.2	129
<b>Butyltins</b>											
Tributyltin ion	µg/kg	6	5	83	2.00 J	54.0	ST001	12.9	2.90 J	23.0	43.9
<b>Total PCBs<sup>c</sup></b>											
Total PCBs	µg/kg	7	7	100	22.1 JT	549 JT	ST003	133	78.6 JT	188	420 J
<b>PCDD/Fs Homologs</b>											
Total PCDD/F	pg/g	6	6	100	294 JT	1640 JT	ST001	960	1010 J	498	1550 J
<b>PCDD/Fs</b>											
TCDD TEQ (ND=0)	pg/g	6	6	100	0.553 JT	3.30 JT	ST004	2.29	2.81 J	1.15	3.25 J
<b>Pesticides</b>											
Aldrin	µg/kg	7	0	0	--	--	--	--	--	--	--
Dieldrin	µg/kg	7	0	0	--	--	--	--	--	--	--
Total Chlordanes	µg/kg	7	2	29	0.210 JT	0.360 JT	ST002	0.285	0.285 J	0.106	0.353 J
Total DDX	µg/kg	7	6	86	1.10 JT	14.0 T	ST003	3.81	1.77 J	5.02	11.2 J
<b>Polycyclic Aromatic Hydrocarbons</b>											
Total PAHs	µg/kg	7	7	100	309 JT	1160 T	ST003	645	510 T	292	1070
<b>Phthalates</b>											
Bis(2-ethylhexyl) phthalate	µg/kg	6	6	100	180 J	920	ST006	395	245	304	840 J

**Notes:**

<sup>a</sup> Whenever several result values match maximum or minimum value, qualifier preference has been given in the following order: U over J over A over N over T over no qualification.

<sup>b</sup> Median is the exact result value ranking as the 0.50 percentile in an ascending list of all results, and 95th percentile is the exact result value of the 0.95 ranking result. When the ascending list of all results doesn't produce an exact match to the corre the median, and an interpolated value is the 95th percentile. The median is qualified with "U" if both results ranking immediately above and below the corresponding percentile are "U" qualified, and with "J" if at least one of the results is "J" qualifie

<sup>c</sup> Total PCBs are total PCB congeners whenever available and total Aroclors if not.

-- data not available.

Reason codes for qualifiers:

A - Total value based on limited number of analytes.

J - The associated numerical value is an estimated quantity.

N - Presumptive evidence of presence of material; identification of the compound is not definitive.

T - The associated numerical value was mathematically derived (e.g., from summing multiple analyte results such as Aroclors, or calculating the average of multiple results for a single analyte). Also indicates all results that are selected for report for the Round 2 data.

U - The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation limit.

Detected and Nondetected Concentrations						
Minimum <sup>a</sup> (full DL)	Maximum <sup>a</sup> (full DL)	Maximum Location	Mean (full DL)	Median <sup>b</sup> (full DL)	Standard Deviation (full DL)	95 <sup>th</sup> Percentile <sup>b</sup> (full DL)
81.4 T	81.4 T	ST001	81.4	81.4 T	--	81.4 T
2.17	3.62	ST006	2.83	2.80	0.537	3.52
2.75	4.05	ST002	3.40	3.37	0.466	3.97
21.5	30.8	ST003	26.3	26.9	3.22	30.1
34.9	42.7 T	ST006	38.2	37.8 J	3.07	42.3 J
101	135 T	ST006	111	107	12.2	129
1.30 U	54.0	ST001	11.0	2.50 J	21.1	41.4
22.1 JT	549 JT	ST003	133	78.6 JT	188	420 J
294 JT	1640 JT	ST001	960	1010 J	498	1550 J
0.553 JT	3.30 JT	ST004	2.29	2.81 J	1.15	3.25 J
0.0650 U	0.410 U	ST005	0.227	0.280 U	0.150	0.398 U
0.0730 U	0.710 U	ST004	0.294	0.130 U	0.253	0.653 U
0.210 JT	4.30 UT	ST003	1.39	0.370 UT	1.66	3.97 U
0.710 UT	14.0 T	ST003	3.37	1.56 JT	4.73	10.6 J
309 JT	1160 T	ST003	645	510 T	292	1070
180 J	920	ST006	395	245	304	840 J

sponding percentile rank, average of two adjacent results ranking closest to 0.50 percentile is d.

ing in preference to other available results (e.g., for parameters reported by multiple methods)

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Table 5.3-7. Summary Statistics for Indicator Contaminants, %Fines, and TOC in Sediment Traps, Fourth Quarter (Fall 2009)

Analyte	Units	# Analyzed	# Detected	% Detected	Detected Concentrations						
					Minimum <sup>a</sup>	Maximum <sup>a</sup>	Maximum Location	Mean	Median <sup>b</sup>	Standard Deviation	95 <sup>th</sup> Percentile <sup>b</sup>
<b>Grain Size</b>											
Fines	percent	6	6	100	44.7 T	91.0 T	ST002	69.5	71.1	17.0	89.0
<b>Conventionals</b>											
Total organic carbon	percent	6	6	100	2.62 T	13.6	ST006	4.90	3.24	4.29	11.2
<b>Metals</b>											
Arsenic	mg/kg	6	6	100	2.69	3.59	ST002	3.08	3.02	0.374	3.54
Chromium	mg/kg	6	6	100	16.9	24.8	ST003	21.4	22.4	3.40	24.7
Copper	mg/kg	6	6	100	25.4	35.4	ST002	30.8	31.0	3.74	35.1
Zinc	mg/kg	6	6	100	63.4	82.1	ST001	74.9	75.6	6.90	81.9
<b>Butyltins</b>											
Tributyltin ion	µg/kg	6	3	50	1.80 J	2.80 J	ST002	2.43	2.70 JT	0.551	2.79 J
<b>Total PCBs<sup>c</sup></b>											
Total PCBs	µg/kg	6	6	100	0.925 JT	71.9 JT	ST003	26.5	12.5 J	28.9	67.3 J
<b>PCDD/Fs Homologs</b>											
Total PCDD/F	pg/g	6	6	100	156 T	879 T	ST005	391	325 J	263	768
<b>PCDD/Fs</b>											
TCDD TEQ (ND=0)	pg/g	6	6	100	0.339 JT	2.30 JT	ST005	1.00	0.726 J	0.743	2.09 J
<b>Pesticides</b>											
Aldrin	µg/kg	6	2	33	0.112 JT	0.220 J	ST002	0.166	0.166 J	0.0767	0.215 J
Dieldrin	µg/kg	6	1	17	0.160 JT	0.160 JT	ST004	0.160	0.160 JT	--	0.160 JT
Total Chlordanes	µg/kg	6	0	0	--	--	--	--	--	--	--
Total DDX	µg/kg	6	6	100	0.690 T	20.4 JT	ST003	7.23	3.38 J	8.28	19.0 J
<b>Polycyclic Aromatic Hydrocarbons</b>											
Total PAHs	µg/kg	6	6	100	255 JT	1220 T	ST001	583	415 J	394	1140 J
<b>Phthalates</b>											
Bis(2-ethylhexyl) phthalate	µg/kg	6	6	100	240 JT	650	ST001	422	355	161	635

**Notes:**

<sup>a</sup> Whenever several result values match maximum or minimum value, qualifier preference has been given in the following order: U over J over A over N over T over no qualification.

<sup>b</sup> Median is the exact result value ranking as the 0.50 percentile in an ascending list of all results, and 95th percentile is the exact result value of the 0.95 ranking result. When the ascending list of all results doesn't produce an exact match to the corr the median, and an interpolated value is the 95th percentile. The median is qualified with "U" if both results ranking immediately above and below the corresponding percentile are "U" qualified, and with "J" if at least one of the results is "J" qualifi

<sup>c</sup> Total PCBs are total PCB congeners whenever available and total Aroclors if not.

-- data not available.

Reason codes for qualifiers:

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U - The material was analyzed for, but was not detected. The associated numerical value is the sample quantitation limit.

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Detected and Nondetected Concentrations						
Minimum <sup>a</sup> (full DL)	Maximum <sup>a</sup> (full DL)	Maximum Location	Mean (full DL)	Median <sup>b</sup> (full DL)	Standard Deviation (full DL)	95 <sup>th</sup> Percentile <sup>b</sup> (full DL)
44.7 T	91.0 T	ST002	69.5	71.1	17.0	89.0
2.62 T	13.6	ST006	4.90	3.24	4.29	11.2
2.69	3.59	ST002	3.08	3.02	0.374	3.54
16.9	24.8	ST003	21.4	22.4	3.40	24.7
25.4	35.4	ST002	30.8	31.0	3.74	35.1
63.4	82.1	ST001	74.9	75.6	6.90	81.9
1.30 U	2.80 J	ST002	1.88	1.60 J	0.697	2.78 J
0.925 JT	71.9 JT	ST003	26.5	12.5 J	28.9	67.3 J
156 T	879 T	ST005	391	325 J	263	768
0.339 JT	2.30 JT	ST005	1.00	0.726 J	0.743	2.09 J
0.0950 U	0.300 U	ST006	0.213	0.245 J	0.0890	0.295 U
0.0710 U	0.320 U	ST001	0.157	0.150 J	0.0895	0.283 U
0.300 UT	86.0 UT	ST003	14.9	0.615 U	34.9	64.8 U
0.690 T	20.4 JT	ST003	7.23	3.38 J	8.28	19.0 J
255 JT	1220 T	ST001	583	415 J	394	1140 J
240 JT	650	ST001	422	355	161	635

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